



Open Postdoc position in theoretical chemistry

A 1-year postdoc position is available in the Department of Chemistry at University of Zurich (Switzerland).

About the project

Our group focuses on forefront computational methods at the interface of chemistry, biology, physics, and materials science.

The research topic of the project deals with development and application of novel approaches in the field of photocatalysis and spectroscopy using first-principles methods. This will allow unprecedented new insight into e.g. functional liquids and systems for solar light-driven water splitting. The project may be carried out in collaboration with experimental groups, for instance of the university research priority program "Solar Light to Chemical Energy Conversion". For further information, please contact Prof. Sandra Luber (email: sandra.luber@chem.uzh.ch).

Candidate Requirements

The candidate must hold a strong PhD degree in chemistry, physics, or related, and have profound English skills. The successful candidate will be creative, ambitious, highly motivated and able to work independently. Strong programming skills and experience in method development, in particular for electronic structure theory / ab initio molecular dynamics, are essential.

We offer a 1-year contract (possibly with extension), a competitive salary as well as a vibrant, inspiring environment with cutting-edge resources, access to world-leading supercomputers, and high-profile interdisciplinary collaborations.

Applications

Interested applicants are encouraged to send their application documents (cover letter, CV, publication list, diplomas, description of research experience and motivation, names of at least two academic references) as one pdf document per e-mail to Prof. Sandra Luber (email: sandra.luber@chem.uzh.ch). Start date: as soon as possible / by agreement.